

Amendments to the Claims

The following Listing of Claims will replace all prior versions and listings of claims in the application.

Listing of Claims

1. (Currently Amended) A method for providing secure access to applications, the method comprising ~~the steps of~~:
 - (a) receiving a request, from a client system accessed by a user, to execute an application on a server;
 - (b) determining, by a policy system executing on the server and responsive to receiving the request, a minimal set of computing privileges necessary for the user to use the requested application based in part on an analysis of application requirements; and
 - (c) invoking an execution environment, executing on the server for the user, having the determined set of privileges.
2. (Currently Amended) The method of claim 1, further comprising ~~the further step of~~: returning an identifier for the execution environment to the requesting user.
3. (Currently Amended) The method of claim 2, further comprising ~~wherein the identifier is used to~~ using the identifier and a remote presentation level protocol to connect the user to the execution environment.
4. (Currently Amended) The method of claim 1 wherein step (a) further comprises receiving a ~~an~~ HTTP-based request from the ~~a~~ user to execute an application.
5. (Cancelled).

6. (Currently Amended) The method of claim 1 wherein analyzing application requirements ~~step (b) further~~ comprises analyzing requirements of the an-application executing on the server ~~to determine a minimal set of privileges necessary for the user to use the requested application.~~

7. (Currently Amended) The method of claim 1 further comprising ~~the step of~~ receiving an indication of a dataset on which the application operates.

8. (Currently Amended) The method of claim 7 ~~5~~ wherein step (b) further comprises accessing a confidentiality policy associated with the identified dataset to determine a minimal set of computing privileges necessary for the user to use the requested application.

9. (Original) The method of claim 1 wherein step (b) further comprises determining a minimal set of computing privileges necessary for the user to use the requested application based, at least in part, on a role assigned to the user.

10. (Original) The method of claim 1 wherein step (c) further comprises creating an execution environment for the user having the determined set of privileges.

11. (Original) The method of claim 1 wherein step (c) further comprises identifying a previously-existing execution environment for the user having the determined set of privileges.

12. (Currently amended) The method of claim 1 further comprising ~~the step of~~ receiving from the user a request to execute a second application.

13. (Currently amended) The method of claim 10 further comprising ~~the steps of~~:

determining a minimal set of computing privileges necessary for the user to use the second requested application; and

invoking a second execution environment₁ for the user₁ having the second determined set of privileges.

14. (Currently amended) The method of claim 1 further comprising ~~the steps of~~ initiating a connection with the a-client system ~~associated with the user~~.

15. (Currently amended) An application server system providing secure access to hosted applications, the system comprising:

a policy based decision system receiving a request from a user to execute an application and determining a minimal set of privileges required by the user to execute the application based in part on an analysis of application requirements; and

an account administration service in communication with said policy based decision system, the account administration service invoking an execution environment₁ for the user₁ having the determined set of privileges.

16. (Currently amended) The system of claim 15 further comprising a connection manager in communication with said policy based decision system, said connection manager receiving from a client system a request by the user to execute the application₁ and the connection manager transmitting to said policy based decision system an identification of said user and an identification of said application.

17. (Original) The system of claim 16 wherein said connection manager communicates with the client using a presentation level protocol.

18. (Original) The system of claim 17 wherein said presentation-level protocol is selected from the group consisting of RDP, ICA, and X.

19. (Original) The system of claim 15 wherein said connection manager transmits an identification of the user's role to said policy based decision system.
20. (Original) The system of claim 15 wherein said policy-based decision system is based on a declared plurality of rules.
21. (Original) The system of claim 15 wherein said policy-based decision system analyzes a set of requirements of the requested application to determine a minimal set of privileges required by the user to execute the requested application.
22. (Original) The system of claim 15 wherein said connection manager receives an identification of a dataset that the application will process.
23. (Original) The system of claim 18 wherein said policy based decision system accesses a confidentiality policy associate with the identified dataset to determine a minimal set of privileges required by the user to execute the application.
24. (Original) The system of claim 15 wherein said account administration service creates an execution environment having the determined minimal set of privileges.
25. (Original) The system of claim 15 wherein said account administration service identifies a previously-existing execution environment having the determined minimal set of privileges.
- 26-33. (Cancelled).